Inheritance

3.Multiple inheritance :

A B

|

|

V

C

Two parent class and one child class

4.Hierarchy inheritance :

A

|

|

V

B C

One parent class with two child class

5.Hybrid inheritance :

* Combine Multiple type of inheritance.

A

|

|

V

B C

|

|

V

D

One grandparent class , two parent class and one child class

Polymorphism

**Poly** : Many

**Morphism** : forms

Two types:

1. Function overloading :

* When one class have member functions with same names but with different parameters then it’s called function overloading.

1. Function overriding :

* When inherited classes have member functions with same name then it’s called function overriding.